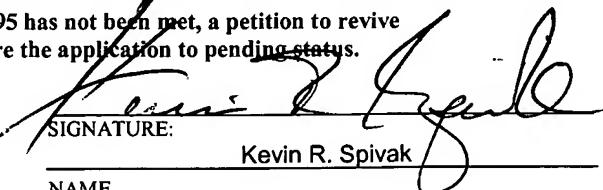


FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>449122075500</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>Unassigned</b>
INTERNATIONAL APPLICATION NO. <b>PCT/DE03/00070</b>	INTERNATIONAL FILING DATE <b>January 8, 2003</b>	PRIORITY DATE CLAIMED <b>January 24, 2002</b>		
<b>TITLE OF INVENTION ELECTRICAL SWITCHING ARRANGEMENT HAVING AN ELECTROMAGNETIC RELAY</b>				
<b>APPLICANT(S) FOR DO/EO/US Klaus DUNEMANN</b>				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))        a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).        b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.        c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).        a. <input checked="" type="checkbox"/> is attached hereto.        b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))        a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> have been communicated by the International Bureau.        c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.        d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>				
<b>Items 11 to 20 below concern document(s) or information included:</b>				
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input checked="" type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Publication WO 03/063192 A1, Form PCT/ISA/210, Form PCT/IB/308</p>				

U.S. APPLICATION NO. (Unknown, see 37 CFR 1.15)		INTERNATIONAL APPLICATION NO. PCT/DE03/00070		ATTORNEY'S DOCKET NUMBER 449122075500																																																																		
10/502456 Unassigned		<b>CALCULATIONS PTO USE ONLY</b> 21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">CLAIMS</th> <th style="text-align: left; padding: 2px;">NUMBER FILED</th> <th style="text-align: left; padding: 2px;">NUMBER EXTRA</th> <th style="text-align: left; padding: 2px;">RATE</th> <th style="text-align: left; padding: 2px;"></th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Total claims</td> <td style="padding: 2px;">9 - 20 =</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">x</td> <td style="padding: 2px;">\$ 00.00</td> </tr> <tr> <td style="padding: 2px;">Independent claims</td> <td style="padding: 2px;">1 - 3 =</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">x</td> <td style="padding: 2px;">\$ 00.00</td> </tr> <tr> <td colspan="3" style="padding: 2px;"><b>MULTIPLE DEPENDENT CLAIM(s) (if applicable)</b></td> <td style="padding: 2px;">+</td> <td style="padding: 2px;">\$</td> </tr> <tr> <td colspan="3" style="padding: 2px; text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td style="padding: 2px;">\$</td> <td style="padding: 2px;">920.00</td> </tr> <tr> <td colspan="3" style="padding: 2px;"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</td> <td style="padding: 2px;">\$</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="3" style="padding: 2px; text-align: right;"><b>SUBTOTAL =</b></td> <td style="padding: 2px;">\$</td> <td style="padding: 2px;">920.00</td> </tr> <tr> <td colspan="3" style="padding: 2px;">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).</td> <td style="padding: 2px;">\$</td> <td style="padding: 2px;">00.00</td> </tr> <tr> <td colspan="3" style="padding: 2px; text-align: right;"><b>TOTAL NATIONAL FEE =</b></td> <td style="padding: 2px;">\$</td> <td style="padding: 2px;">920.00</td> </tr> <tr> <td colspan="3" style="padding: 2px;">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td style="padding: 2px;">+</td> <td style="padding: 2px;">\$ 40.00</td> </tr> <tr> <td colspan="3" style="padding: 2px; text-align: right;"><b>TOTAL FEES ENCLOSED =</b></td> <td style="padding: 2px;">\$</td> <td style="padding: 2px;">960.00</td> </tr> <tr> <td colspan="3" style="padding: 2px;"></td> <td style="padding: 2px; text-align: center;">Amount to be refunded:</td> <td style="padding: 2px;">\$</td> </tr> <tr> <td colspan="3" style="padding: 2px;"></td> <td style="padding: 2px; text-align: center;">charged:</td> <td style="padding: 2px;">\$ 960.00</td> </tr> </tbody> </table> a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 03-1952 in the amount of \$ 960.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1952. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	9 - 20 =	0	x	\$ 00.00	Independent claims	1 - 3 =	0	x	\$ 00.00	<b>MULTIPLE DEPENDENT CLAIM(s) (if applicable)</b>			+	\$	<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$	920.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.			\$		<b>SUBTOTAL =</b>			\$	920.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			\$	00.00	<b>TOTAL NATIONAL FEE =</b>			\$	920.00	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+	\$ 40.00	<b>TOTAL FEES ENCLOSED =</b>			\$	960.00				Amount to be refunded:	\$				charged:	\$ 960.00
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<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>																																																																						
SEND ALL CORRESPONDENCE TO: Kevin R. Spivak MORRISON & FOERSTER LLP 2000 Pennsylvania Avenue Washington, D.C. 20006 (202) 887-1525 - Telephone (202) 887-0763 - Facsimile																																																																						
 SIGNATURE: Kevin R. Spivak NAME 43,148 REGISTRATION NUMBER																																																																						